

# Table K1. - Water Features

Frederick County, Virginia

Depths of layers are in feet. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
1B: Berk	C	Jan-Dec			---	---	None	---	None
1C: Berk	C	Jan-Dec			---	---	None	---	None
2: Birdsboro	B	January	2.0->6.0	>6.0	---	---	None	Very brief	Rare
		February	2.0->6.0	>6.0	---	---	None	Very brief	Rare
		March	2.0->6.0	>6.0	---	---	None	Very brief	Rare
		April	---	---	---	---	None	Very brief	Rare
		May	---	---	---	---	None	Very brief	Rare
		June	---	---	---	---	None	Very brief	Rare
		July	---	---	---	---	None	Very brief	Rare
		August	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	2.0->6.0	>6.0	---	---	None	Very brief	Rare
		December	2.0->6.0	>6.0	---	---	None	Very brief	Rare
3B: Blairton	C	January	0.5-2.0	1.5-3.0	---	---	None	---	None
		February	0.5-2.0	1.5-3.0	---	---	None	---	None
		March	0.5-2.0	1.5-3.0	---	---	None	---	None
		November	0.5-2.0	1.5-3.0	---	---	None	---	None
		December	0.5-2.0	1.5-3.0	---	---	None	---	None

3C:

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
3C:									
Blairton	C	January	0.5-2.0	1.5-3.0	---	---	None	---	None
		January	0.5-3.0	0.5-2.5	---	---	None	---	None
		February	0.5-2.0	1.5-3.0	---	---	None	---	None
		February	0.5-3.0	0.5-2.5	---	---	None	---	None
		March	0.5-2.0	1.5-3.0	---	---	None	---	None
		March	0.5-3.0	0.5-2.5	---	---	None	---	None
		November	0.5-2.0	1.5-3.0	---	---	None	---	None
		November	0.5-3.0	0.5-2.5	---	---	None	---	None
		December	0.5-3.0	0.5-2.5	---	---	None	---	None
		December	0.5-2.0	1.5-3.0	---	---	None	---	None
4B:									
Buchanan	C	January	0.5-3.0	1.5-4.0	---	---	None	---	None
		February	0.5-3.0	1.5-4.0	---	---	None	---	None
		March	0.5-3.0	1.5-4.0	---	---	None	---	None
		November	0.5-3.0	1.5-4.0	---	---	None	---	None
		December	0.5-3.0	1.5-4.0	---	---	None	---	None
4C:									
Buchanan	C	January	0.5-3.0	1.5-4.0	---	---	None	---	None
		January	0.5-3.0	1.5-2.5	---	---	None	---	None
		February	0.5-3.0	1.5-4.0	---	---	None	---	None
		February	0.5-3.0	1.5-2.5	---	---	None	---	None
		March	0.5-3.0	1.5-4.0	---	---	None	---	None
		March	0.5-3.0	1.5-2.5	---	---	None	---	None
		November	0.5-3.0	1.5-4.0	---	---	None	---	None
		November	0.5-3.0	1.5-2.5	---	---	None	---	None
		December	0.5-3.0	1.5-4.0	---	---	None	---	None
		December	0.5-3.0	1.5-2.5	---	---	None	---	None
5B:									
Carbo	C	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
5C:									
Carbo	C	Jan-Dec			---	---	None	---	None
6C:									
Carbo	C	Jan-Dec			---	---	None	---	None
Oaklet	C	Jan-Dec			---	---	None	---	None
Rock outcrop	---	Jan-Dec			---	---	None	---	None
7C:									
Carbo	C	Jan-Dec			---	---	None	---	None
Oaklet	C	Jan-Dec			---	---	None	---	None
Rock outcrop	---	Jan-Dec			---	---	None	---	None
8B:									
Chilhowie	C	Jan-Dec			---	---	None	---	None
8C:									
Chilhowie	C	Jan-Dec			---	---	None	---	None
9B:									
Clearbrook	D	January	0.0-0.5	1.7-3.3	---	---	None	---	None
		February	0.0-0.5	1.7-3.3	---	---	None	---	None
		March	0.0-0.5	1.7-3.3	---	---	None	---	None
		April	0.0-0.5	1.7-3.3	---	---	None	---	None
		October	0.0-0.5	1.7-3.3	---	---	None	---	None
		November	0.0-0.5	1.7-3.3	---	---	None	---	None
		December	0.0-0.5	1.7-3.3	---	---	None	---	None
9C:									

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
9C:									
Clearbrook	D	January	0.0-0.5	1.7-3.3	---	---	None	---	None
		January	1.0-2.5	0.5-3.0	---	---	None	---	None
		February	0.0-0.5	1.7-3.3	---	---	None	---	None
		February	1.0-2.5	0.5-3.0	---	---	None	---	None
		March	0.0-0.5	1.7-3.3	---	---	None	---	None
		March	1.0-2.5	0.5-3.0	---	---	None	---	None
		April	1.0-2.5	0.5-3.0	---	---	None	---	None
		April	0.0-0.5	1.7-3.3	---	---	None	---	None
		October	1.0-2.5	0.5-3.0	---	---	None	---	None
		October	0.0-0.5	1.7-3.3	---	---	None	---	None
		November	0.0-0.5	1.7-3.3	---	---	None	---	None
		November	1.0-2.5	0.5-3.0	---	---	None	---	None
		December	1.0-2.5	0.5-3.0	---	---	None	---	None
		December	0.0-0.5	1.7-3.3	---	---	None	---	None
10:									
Craigsville	B	January	---	---	---	---	None	Very brief	Frequent
		February	---	---	---	---	None	Very brief	Frequent
		March	---	---	---	---	None	Very brief	Frequent
		April	---	---	---	---	None	Very brief	Frequent
		May	---	---	---	---	None	Very brief	Frequent
		November	---	---	---	---	None	Very brief	Frequent
		December	---	---	---	---	None	Very brief	Frequent
11C:									
Dekalb	C	Jan-Dec			---	---	None	---	None
12E:									
Dekalb	C	Jan-Dec			---	---	None	---	None
13B:									
Frankstown	B	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
13C: Frankstown	B	Jan-Dec			---	---	None	---	None
13D: Frankstown	B	Jan-Dec			---	---	None	---	None
13E: Frankstown	B	Jan-Dec			---	---	None	---	None
14B: Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
14C: Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
14D: Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
15C: Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
15D: Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None

15E:

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
15E:									
Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
16B:									
Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
Rock outcrop	---	Jan-Dec			---	---	None	---	None
16C:									
Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
Rock outcrop	---	Jan-Dec			---	---	None	---	None
16D:									
Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
Rock outcrop	---	Jan-Dec			---	---	None	---	None
17C:									
Frederick	B	Jan-Dec			---	---	None	---	None
Poplimento	C	Jan-Dec			---	---	None	---	None
Rock outcrop	D	Jan-Dec			---	---	None	---	None
17E:									
Frederick	B	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
17E:									
Poplimento	C	Jan-Dec			---	---	None	---	None
Rock outcrop	D	Jan-Dec			---	---	None	---	None
18B:									
Gainesboro	C	Jan-Dec			---	---	None	---	None
Lehew	C	Jan-Dec			---	---	None	---	None
18C:									
Gainesboro	C	Jan-Dec			---	---	None	---	None
Lehew	C	Jan-Dec			---	---	None	---	None
18D:									
Gainesboro	C	Jan-Dec			---	---	None	---	None
Lehew	C	Jan-Dec			---	---	None	---	None
18E:									
Gainesboro	C	Jan-Dec			---	---	None	---	None
Lehew	C	Jan-Dec			---	---	None	---	None
19C:									
Gilpin	C	Jan-Dec			---	---	None	---	None
20B:									
Guernsey	C	January	2.0-3.5	3.0-4.0	---	---	None	---	None
		February	2.0-3.5	3.0-4.0	---	---	None	---	None
		March	2.0-3.5	3.0-4.0	---	---	None	---	None
		April	2.0-3.5	3.0-4.0	---	---	None	---	None
20C:									

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
20C:									
Guernsey	C	January	2.0-3.5	3.0-4.0	---	---	None	---	None
		February	2.0-3.5	3.0-4.0	---	---	None	---	None
		March	2.0-3.5	3.0-4.0	---	---	None	---	None
		April	2.0-3.5	3.0-4.0	---	---	None	---	None
21C:									
Hayter	B	Jan-Dec			---	---	None	---	None
21D:									
Hayter	B	Jan-Dec			---	---	None	---	None
22C:									
Hayter	B	Jan-Dec			---	---	None	---	None
22D:									
Hayter	B	Jan-Dec			---	---	None	---	None
22E:									
Hayter	B	Jan-Dec			---	---	None	---	None
23C:									
Hazleton	B	Jan-Dec			---	---	None	---	None
23D:									
Hazleton	B	Jan-Dec			---	---	None	---	None
23E:									
Hazleton	B	Jan-Dec			---	---	None	---	None
24E:									
Hazleton	B	Jan-Dec			---	---	None	---	None

25C:



**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
25C:									
Laidig	C	January	2.5-4.0	3.0-4.5	---	---	None	---	None
		February	2.5-4.0	3.0-4.5	---	---	None	---	None
		March	2.5-4.0	3.0-4.5	---	---	None	---	None
25D:									
Laidig	C	January	2.5-4.0	3.0-4.5	---	---	None	---	None
		February	2.5-4.0	3.0-4.5	---	---	None	---	None
		March	2.5-4.0	3.0-4.5	---	---	None	---	None
25E:									
Laidig	C	January	2.5-4.0	3.0-4.5	---	---	None	---	None
		February	2.5-4.0	3.0-4.5	---	---	None	---	None
		March	2.5-4.0	3.0-4.5	---	---	None	---	None
26C:									
Lehew	C	Jan-Dec			---	---	None	---	None
26D:									
Lehew	C	Jan-Dec			---	---	None	---	None
26E:									
Lehew	C	Jan-Dec			---	---	None	---	None
27:									
Library	D	January	0.5-1.5	>6.0	0.5-1.0	Brief	Occasional	---	None
		February	0.5-1.5	>6.0	0.5-1.0	Brief	Occasional	---	None
		March	0.5-1.5	>6.0	0.5-1.0	Brief	Occasional	---	None
		April	0.5-1.5	>6.0	0.5-1.0	Brief	Occasional	---	None
		May	0.5-1.5	>6.0	0.3-1.0	Brief	Occasional	---	None
		October	0.5-1.5	>6.0	---	---	None	---	None
		November	0.5-1.5	>6.0	0.3-1.0	Brief	Occasional	---	None
		December	0.5-1.5	>6.0	0.5-1.0	Brief	Occasional	---	None

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**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
28: Lobdell	B	January	2.0-3.5	>6.0	---	---	None	Brief	Occasional
		February	2.0-3.5	>6.0	---	---	None	Brief	Occasional
		March	2.0-3.5	>6.0	---	---	None	Brief	Occasional
		April	2.0-3.5	>6.0	---	---	None	Brief	Occasional
		December	2.0-3.5	>6.0	---	---	None	---	None
29: Massanetta	B	January	2.0-3.5	>6.0	---	---	None	---	None
		February	2.0-3.5	>6.0	---	---	None	---	None
		March	2.0-3.5	>6.0	---	---	None	---	None
		April	2.0-3.5	>6.0	---	---	None	---	None
		May	---	---	---	---	None	Very brief	Occasional
		June	---	---	---	---	None	Very brief	Occasional
		July	---	---	---	---	None	Very brief	Occasional
		August	---	---	---	---	None	Very brief	Occasional
		September	---	---	---	---	None	Very brief	Occasional
30B: Monongahela	C	January	1.5-3.0	3.3-5.0	---	---	None	---	None
		February	1.5-3.0	3.3-5.0	---	---	None	---	None
		March	1.5-3.0	3.3-5.0	---	---	None	---	None
		April	1.5-3.0	3.3-5.0	---	---	None	---	None
		December	1.5-3.0	3.3-5.0	---	---	None	---	None
31B: Nicholson	C	January	1.5-2.5	2.5-4.0	---	---	None	---	None
		February	1.5-2.5	2.5-4.0	---	---	None	---	None
		March	1.5-2.5	2.5-4.0	---	---	None	---	None
		April	1.5-2.5	2.5-4.0	---	---	None	---	None
32B: Oaklet	C	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
32C:									
Oaklet	C	Jan-Dec			---	---	None	---	None
33C:									
Opequon	C	Jan-Dec			---	---	None	---	None
Chilhowie	C	Jan-Dec			---	---	None	---	None
Rock outcrop	---	Jan-Dec			---	---	None	---	None
33E:									
Opequon	C	Jan-Dec			---	---	None	---	None
Chilhowie	C	Jan-Dec			---	---	None	---	None
Rock outcrop	---	Jan-Dec			---	---	None	---	None
34:									
Pagebrook	D	January	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
		February	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
		March	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
		October	---	---	---	---	None	Very brief	Frequent
		November	---	---	---	---	None	Very brief	Frequent
		December	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
35:									
Pagebrook	D	January	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
		February	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
		March	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
		October	---	---	---	---	None	Very brief	Frequent
		November	---	---	---	---	None	Very brief	Frequent
		December	2.0-4.0	>6.0	---	---	None	Very brief	Frequent
36:									

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
36: Pits	---	Jan-Dec			---	---	None	---	None
37D: Schaffenaker	A	Jan-Dec			---	---	None	---	None
37E: Schaffenaker	A	Jan-Dec			---	---	None	---	None
38B: Sequoia	C	Jan-Dec			---	---	None	---	None
38C: Sequoia	C	Jan-Dec			---	---	None	---	None
38D: Sequoia	C	Jan-Dec			---	---	None	---	None
39B: Swimley	C	Jan-Dec			---	---	None	---	None
39C: Swimley	C	Jan-Dec			---	---	None	---	None
40B: Timberville	B	January	---	---	---	---	None	Very brief	Frequent
		February	---	---	---	---	None	Very brief	Frequent
		March	---	---	---	---	None	Very brief	Frequent
		April	---	---	---	---	None	Very brief	Frequent
		October	---	---	---	---	None	Very brief	Frequent
		November	---	---	---	---	None	Very brief	Frequent
		December	---	---	---	---	None	Very brief	Frequent

41B:

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
41B:									
Weikert	C/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None
41C:									
Weikert	C/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None
41D:									
Weikert	C/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None
41E:									
Weikert	C/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None
42C:									
Weikert	C/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None
42D:									
Weikert	C/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None
42E:									
Weikert	C/D	Jan-Dec			---	---	None	---	None
Berks	C	Jan-Dec			---	---	None	---	None

**Table K1. - Water Features - Continued**

Frederick County, Virginia

Map Symbol and Soil Name	Hydrologic Group	Month	Water Table		Ponding			Flooding	
			Upper Limit	Lower Limit	Surface Depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
43: Wheeling	B	January	---	---	---	---	None	Very brief	Rare
		February	---	---	---	---	None	Very brief	Rare
		March	---	---	---	---	None	Very brief	Rare
		April	---	---	---	---	None	Very brief	Rare
		May	---	---	---	---	None	Very brief	Rare
		September	---	---	---	---	None	Very brief	Rare
		October	---	---	---	---	None	Very brief	Rare
		November	---	---	---	---	None	Very brief	Rare
		December	---	---	---	---	None	Very brief	Rare
44B: Zoar	C	January	1.5-2.5	2.5-4.0	---	---	None	---	None
		February	1.5-2.5	2.5-4.0	---	---	None	---	None
		March	1.5-2.5	2.5-4.0	---	---	None	---	None
		April	1.5-2.5	2.5-4.0	---	---	None	---	None
		December	1.5-2.5	2.5-4.0	---	---	None	---	None
44C: Zoar	C	January	1.5-2.5	2.5-4.0	---	---	None	---	None
		February	1.5-2.5	2.5-4.0	---	---	None	---	None
		March	1.5-2.5	2.5-4.0	---	---	None	---	None
		April	1.5-2.5	2.5-4.0	---	---	None	---	None
		December	1.5-2.5	2.5-4.0	---	---	None	---	None
DAM: Dam	---	Jan-Dec			---	---	None	---	None
W: Water	---	Jan-Dec			---	---	None	---	None